

Message

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**From:** Lavoie, Tegan [lavoie.tegan@epa.gov]  
**Sent:** 9/23/2020 2:15:03 PM  
**To:** Strum, Madeleine [Strum.Madeleine@epa.gov]; Palma, Ted [Palma.Ted@epa.gov]  
**CC:** Rimer, Kelly [Rimer.Kelly@epa.gov]; Houyoux, Marc [Houyoux.Marc@epa.gov]  
**Subject:** RE: OIG Follow Up Question  
**Attachments:** TRIReport.pdf; TRIEmissions.PNG

Hi everyone,

Here is what I put together as a response, with a placeholder for the scrubber documentation (unless you think referencing the TRI is sufficient):

# Ex. 5 Deliberative Process (DP)

Please let me know if you have any edits and thank you for your help!

Thanks,  
Tegan

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Tegan N. Lavoie, Ph.D.  
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Office of Air and Radiation  
Office of Air Quality Planning and Standards  
Research Triangle Park, NC 27711  
Office: (919) 541-5110 | Cell: (919) 972-1972  
Email: [lavoie.tegan@epa.gov](mailto:lavoie.tegan@epa.gov)

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**From:** Strum, Madeleine <Strum.Madeleine@epa.gov>  
**Sent:** Wednesday, September 23, 2020 8:56 AM  
**To:** Lavoie, Tegan <lavoie.tegan@epa.gov>; Palma, Ted <Palma.Ted@epa.gov>  
**Cc:** Rimer, Kelly <Rimer.Kelly@epa.gov>; Houyoux, Marc <Houyoux.Marc@epa.gov>  
**Subject:** RE: OIG Follow Up Question

TRI reports waste reduction

See <https://enviro.epa.gov/facts/tri/ef-facilities/#/Pollution/88008GRFFT2400A>

EPA/600/R-12/001		EPA/600/R-12/001		EPA/600/R-12/001	
Strum, Madeleine	10/1/12	Houyoux, Marc	10/1/12	Lavoie, Tegan	10/1/12
EPA/600/R-12/001					

**From:** Lavoie, Tegan <[lavoie.tegan@epa.gov](mailto:lavoie.tegan@epa.gov)>  
**Sent:** Wednesday, September 23, 2020 8:41 AM  
**To:** Strum, Madeleine <[Strum.Madeleine@epa.gov](mailto:Strum.Madeleine@epa.gov)>; Palma, Ted <[Palma.Ted@epa.gov](mailto:Palma.Ted@epa.gov)>  
**Cc:** Rimer, Kelly <[Rimer.Kelly@epa.gov](mailto:Rimer.Kelly@epa.gov)>; Houyoux, Marc <[Houyoux.Marc@epa.gov](mailto:Houyoux.Marc@epa.gov)>  
**Subject:** RE: OIG Follow Up Question

## Ex. 5 Deliberative Process (DP)

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**From:** Strum, Madeleine <[Strum.Madeleine@epa.gov](mailto:Strum.Madeleine@epa.gov)>  
**Sent:** Wednesday, September 23, 2020 8:34 AM  
**To:** Palma, Ted <[Palma.Ted@epa.gov](mailto:Palma.Ted@epa.gov)>; Lavoie, Tegan <[lavoie.tegan@epa.gov](mailto:lavoie.tegan@epa.gov)>  
**Cc:** Rimer, Kelly <[Rimer.Kelly@epa.gov](mailto:Rimer.Kelly@epa.gov)>; Houyoux, Marc <[Houyoux.Marc@epa.gov](mailto:Houyoux.Marc@epa.gov)>  
**Subject:** RE: OIG Follow Up Question

## Ex. 5 Deliberative Process (DP)

Madeleine

**From:** Palma, Ted <[Palma.Ted@epa.gov](mailto:Palma.Ted@epa.gov)>  
**Sent:** Wednesday, September 23, 2020 8:24 AM  
**To:** Lavoie, Tegan <[lavoie.tegan@epa.gov](mailto:lavoie.tegan@epa.gov)>; Strum, Madeleine <[Strum.Madeleine@epa.gov](mailto:Strum.Madeleine@epa.gov)>  
**Cc:** Rimer, Kelly <[Rimer.Kelly@epa.gov](mailto:Rimer.Kelly@epa.gov)>; Houyoux, Marc <[Houyoux.Marc@epa.gov](mailto:Houyoux.Marc@epa.gov)>  
**Subject:** RE: OIG Follow Up Question

## Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

I am coping Madeleine (and Marc) on this as she works on the NEI  
Ted

Ted Palma  
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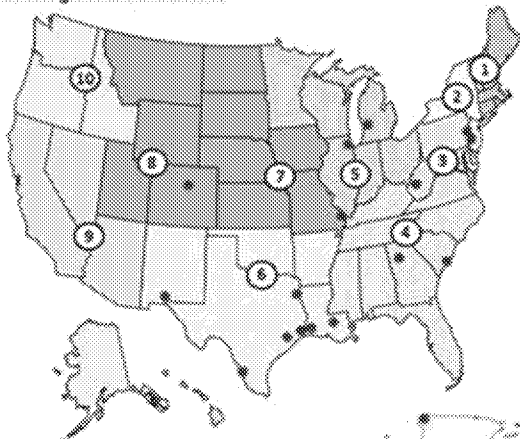
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**From:** Lavoie, Tegan <[lavoie.tegan@epa.gov](mailto:lavoie.tegan@epa.gov)>  
**Sent:** Wednesday, September 23, 2020 7:57 AM  
**To:** Palma, Ted <[Palma.Ted@epa.gov](mailto:Palma.Ted@epa.gov)>  
**Cc:** Rimer, Kelly <[Rimer.Kelly@epa.gov](mailto:Rimer.Kelly@epa.gov)>  
**Subject:** OIG Follow Up Question

Hi Ted and Kelly,

As a follow up to yesterday's call with the OIG, they had asked us to provide documentation demonstrating how the 83% reduction in ethylene oxide emissions was determined for the New Mexico census tract, shown in this screen shot below:

Figure 1: Seventeen metropolitan areas in the United States where there is at least one census tract in which ethylene oxide is the driver of cancer risk. EPA regions are numbered.



**Author**

This map does not appear consistent with the map on the NATA website:

[https://www.epa.gov/sites/production/files/2020-07/documents/nata\\_2014\\_summary\\_of\\_results.pdf](https://www.epa.gov/sites/production/files/2020-07/documents/nata_2014_summary_of_results.pdf)

**Author**

Both This map -- and the map cited in the above comment -- highlight a census tract in New Mexico. However, if you click on that tract in the interactive map, you will see this note: Risks in this tract from ethylene oxide are based on 2014 emissions data. Since that time, ethylene oxide emissions that affect this tract have been reduced by 83 percent. Risks in this tract from ethylene oxide are also anticipated to be reduced. For additional information, please see the update file on the NATA website at <https://go.usa.gov/qp72N>.

Could you please provide any documentation you have that demonstrates how this 83% reduction was calculated?  
Please let me know if you have any questions.

Thank you,  
Tegan

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